

EXISTING

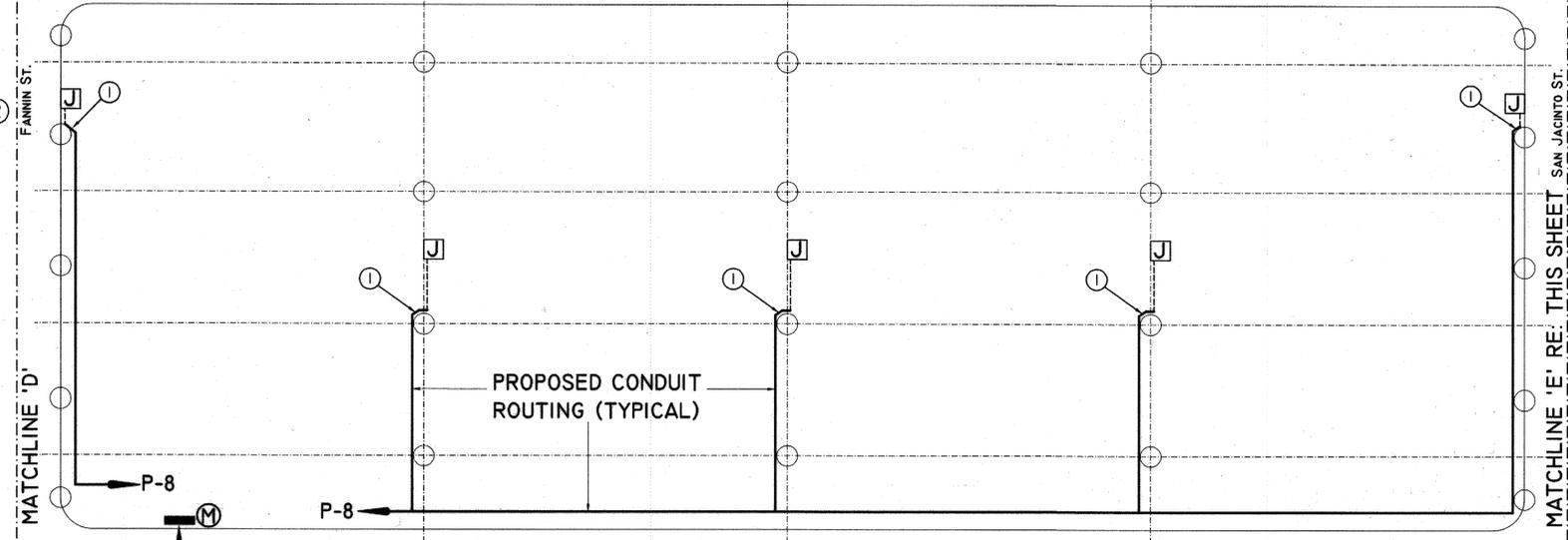
PANEL: P (SITE 3)
 LOCATION: UNDER ROADWAY

MTG: SURFACE FLUSH
 BUS: NEUTRAL SYS GND 150 GND
 INT TVSS: FEED THRU

NEMA-1 ENC 100 AMP BUS 1 0 3 WIRE
 CU MAT 10 AMP MLO 10 KAC
 100 AMP MCB 240Y/120 VOLT

WIRE SIZE	LOAD DESCRIPTION	LOAD KVA	BRKR SIZE	CKT NO	A	C	CKT NO	BRKR SIZE	LOAD KVA	LOAD DESCRIPTION	WIRE SIZE
3#8	LIGHTING - UNDER ROADWAY	1.5	20/1	1			2	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#8	LIGHTING - UNDER ROADWAY	1.2	20/1	3			4	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#8	LIGHTING - UNDER ROADWAY	1.2	20/1	5			6	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	7			8	20/1	1.0	METER PAY STATIONS (NEW LOAD)	3#10
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	9			10	20/1	-	SPARE	-
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	11			12	20/1	-	SPARE	-
CONN LTG		10.2	XL 25+	12.8	KVA		CONN EQUIP		XL 0+	-	KVA
XFER LOAD		XL 0+	-	-	KVA		CONN RCPT		1.0	XNEC+	1.0
						KVA		TOTAL LOAD		13.8	KVA
										58	AMPS

EXISTING LIGHTING LOAD ON PANEL 'P' IS 10.2 X 1.25= 12.8 KVA
 NEW (ADDED) METER EQUIPMENT LOAD IS 1.0 KVA
 TOTAL LOAD 13.8 KVA
 (PANEL AND FEEDER ARE RATED FOR 100A)



ELECTRICAL SERVICE LOCATION FOR 2011 FANNIN:
 METER# 37 426 585 TO REMAIN

1 | 145 - FANNIN ST. & SAN JACINTO ST. (SITE 3)
 SCALE: 1/16" = 1'-0"

EXISTING

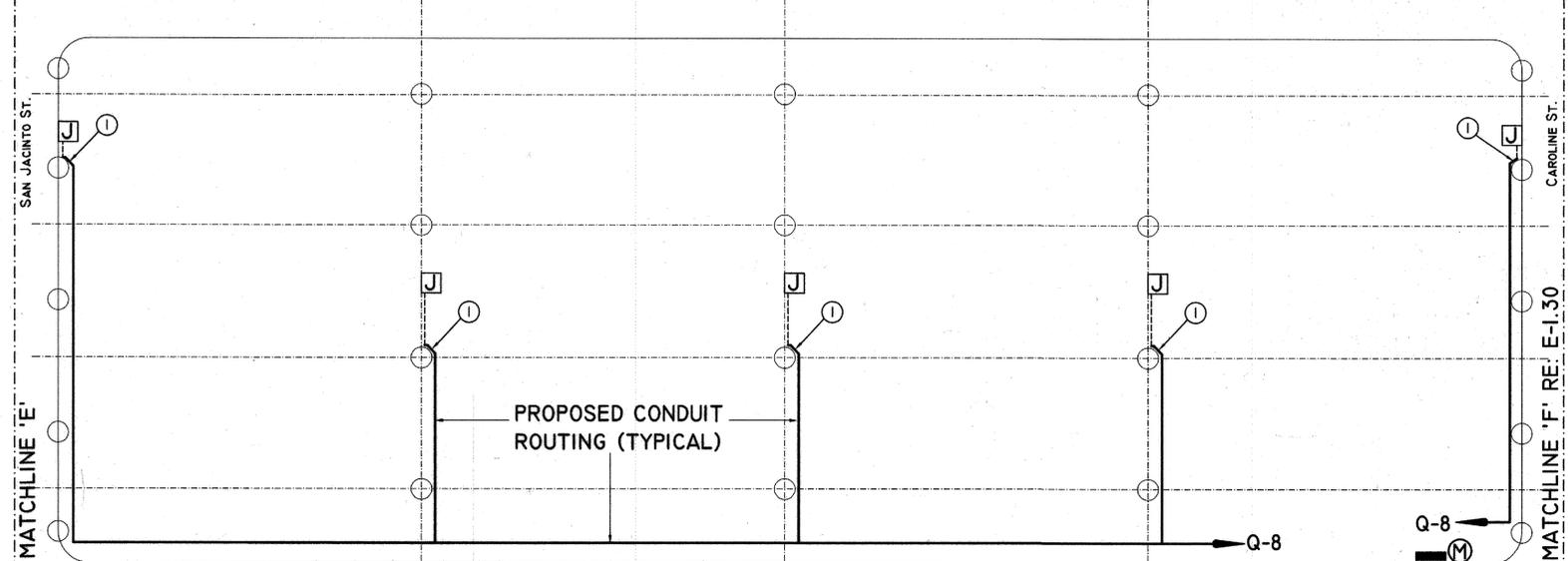
PANEL: Q (SITE 4)
 LOCATION: UNDER ROADWAY

MTG: SURFACE FLUSH
 BUS: NEUTRAL SYS GND 150 GND
 INT TVSS: FEED THRU

NEMA-1 ENC 100 AMP BUS 1 0 3 WIRE
 CU MAT 10 AMP MLO 10 KAC
 100 AMP MCB 240Y/120 VOLT

WIRE SIZE	LOAD DESCRIPTION	LOAD KVA	BRKR SIZE	CKT NO	A	C	CKT NO	BRKR SIZE	LOAD KVA	LOAD DESCRIPTION	WIRE SIZE
3#10	LIGHTING - UNDER ROADWAY	1.5	20/1	1			2	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#10	LIGHTING - UNDER ROADWAY	1.2	20/1	3			4	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#10	LIGHTING - UNDER ROADWAY	1.2	20/1	5			6	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#8	LIGHTING - UNDER ROADWAY	0.9	20/1	7			8	20/1	1.0	METER PAY STATIONS (NEW LOAD)	3#10
3#8	LIGHTING - UNDER ROADWAY	0.9	20/1	9			10	20/1	-	SPARE	-
3#8	LIGHTING - UNDER ROADWAY	0.9	20/1	11			12	20/1	-	SPARE	-
CONN LTG		10.2	XL 25+	12.8	KVA		CONN EQUIP		XL 0+	-	KVA
XFER LOAD		XL 0+	-	-	KVA		CONN RCPT		1.0	XNEC+	1.0
						KVA		TOTAL LOAD		13.8	KVA
										58	AMPS

EXISTING LIGHTING LOAD ON PANEL 'Q' IS 10.2 X 1.25= 12.8 KVA
 NEW (ADDED) METER EQUIPMENT LOAD IS 1.0 KVA
 TOTAL LOAD 13.8 KVA
 (PANEL AND FEEDER ARE RATED FOR 100A)



ELECTRICAL SERVICE LOCATION FOR 2008 CAROLINE:
 METER# 53 319 603 TO REMAIN

2 | 145 - SAN JACINTO ST. & CAROLINE ST. (SITE 4)
 SCALE: 1/16" = 1'-0"

ISSUE LOG

NO.	DATE	DESCRIPTION
Δ	6/3/08	CLIENT REVISIONS

CONSULTANT(S):

CLAUNCH & MILLER, INC.
 Engineering Consultants
 4635 Southwest Freeway, Suite 1000 • Houston, Texas 77027
 713-622-9264 • Fax: 713-622-9265 • www.claunchmiller.com

SEAL(S):

Infrastructure Associates
 INFRASTRUCTURE ASSOCIATES, INC.
 6117 RICHMOND AVENUE, SUITE 100
 HOUSTON, TEXAS 77057
 (713) 622-0120 PH (713) 622-0557 FAX
 WWW.IAHOUSTON.COM

PROJECT NAME:
**HOUSTON-PIERCE ELEVATED
 AND LOT "C" PARKING LOT
 IMPROVEMENTS**

CITY OF HOUSTON
 GENERAL SERVICES
 DEPARTMENT

REVIEWED:
 PROGRAM MANAGER _____ SPONSORING DEPARTMENT _____
 PROJECT MANAGER _____

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL
 CENTERPOINT AT 713-207-7777.
PRIVATE UTILITY LINES SHOWN
 (Approved only for crossing underground ductlines, unless otherwise noted.)
 Valid at time of review only.

N/A Date: _____
 CenterPoint Energy/Electric Facilities
 Signature valid for one year.
N/A Date: _____
 CenterPoint Energy/Gas Facilities
 (Gas service lines are not shown)

SHEET TITLE:
E-1.20

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY
 AFTER DATE OF SIGNATURES
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
 WATER _____ TRAFFIC & TRANSPORTATION _____
 WASTEWATER _____ STORM WATER QUALITY _____
 STORM _____ UTILITIES _____
 STREET & BRIDGE _____

FILE NO: _____ FOR CITY OF HOUSTON USE ONLY
 DRAWING SCALE _____
 HORZ: _____
 VERT: _____
 SHEET No: **26** OF 29

CITY DWG. NO.: _____ REVISED JAN 2006